

## EAST Search History

| Ref # | Hits | Search Query  | DBs                       | Default Operator | Plurals | Time Stamp          |
|-------|------|---|---------------------------|------------------|---------|---------------------|
| L1    | 1    | "5476715".pn.   | US-PGPUB;<br>USPAT; USOCR | OR               | ON      | 2008/07/17<br>07:24 |
| L2    | 0    | "cytochrome c" SAME<br>sieving SAME<br>coefficient SAME "0.8" | US-PGPUB;<br>USPAT; USOCR | OR               | ON      | 2008/07/17<br>08:04 |
| L3    | 12   | "cytochrome c" SAME<br>coefficient SAME "0.8"                 | US-PGPUB;<br>USPAT; USOCR | OR               | ON      | 2008/07/17<br>08:04 |
| L4    | 13   | "cytochrome" SAME<br>coefficient SAME "0.8"                   | US-PGPUB;<br>USPAT; USOCR | OR               | ON      | 2008/07/17<br>08:12 |
| L5    | 1    | "10588696"  | US-PGPUB;<br>USPAT; USOCR | OR               | ON      | 2008/07/17<br>09:05 |
| L6    | 963  | 210/500.23.ccls.  | US-PGPUB;<br>USPAT; USOCR | OR               | ON      | 2008/07/17<br>09:06 |
| L7    | 577  | 210/500.27.ccls.  | US-PGPUB;<br>USPAT; USOCR | OR               | ON      | 2008/07/17<br>09:06 |
| L10   | 462  | 210/500.42.ccls.  | US-PGPUB;<br>USPAT; USOCR | OR               | ON      | 2008/07/17<br>09:07 |
| L11   | 26   | L6 AND L7 AND L10   | US-PGPUB;<br>USPAT; USOCR | OR               | ON      | 2008/07/17<br>09:07 |
| L12   | 1736 | L6 L7 L10   | US-PGPUB;<br>USPAT; USOCR | OR               | ON      | 2008/07/17<br>09:07 |
| L13   | 72   | L12 AND polyelectrolyte                                       | US-PGPUB;<br>USPAT; USOCR | OR               | ON      | 2008/07/17<br>09:07 |
| S1    | 1    | "10588016"  | US-PGPUB;<br>USPAT; USOCR | OR               | ON      | 2008/07/14<br>12:09 |
| S3    | 20   | ((FRIEDBERT) near2<br>(WECHS)).INV.                           | US-PGPUB;<br>USPAT; USOCR | OR               | ON      | 2008/07/14<br>12:27 |
| S4    | 20   | ((FRIEDBERT) near2<br>(WECHS)).INV.                           | US-PGPUB;<br>USPAT; USOCR | OR               | ON      | 2008/07/14<br>12:27 |
| S5    | 13   | ((FRIEDBERT) near2<br>(WECHS)).INV.                           | EPO; JPO;<br>DERWENT      | OR               | ON      | 2008/07/14<br>12:27 |
| S6    | 5    | ((ARNE) near2<br>(GEHLEN)).INV.                               | US-PGPUB;<br>USPAT; USOCR | OR               | ON      | 2008/07/14<br>12:27 |
| S7    | 4    | ((ARNE) near2<br>(GEHLEN)).INV.                               | EPO; JPO;<br>DERWENT      | OR               | ON      | 2008/07/14<br>12:27 |
| S8    | 2    | ((BODO) near2<br>(HARTEN)).INV.                               | US-PGPUB;<br>USPAT; USOCR | OR               | ON      | 2008/07/14<br>12:27 |
| S9    | 5    | ((BODO) near2<br>(HARTEN)).INV.                               | EPO; JPO;<br>DERWENT      | OR               | ON      | 2008/07/14<br>12:27 |

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| S10 | 13   | ((KRUGER) near2 (RICHARD)).INV.   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2008/07/14<br>12:27 |
| S11 | 0    | ((KRUGER) near2 (RICHARD)).INV.   | EPO; JPO;<br>DERWENT      | OR | ON | 2008/07/14<br>12:27 |
| S12 | 6    | ((SCHUSTER) near2 (OLIVER)).INV.  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2008/07/14<br>12:27 |
| S13 | 18   | ((SCHUSTER) near2 (OLIVER)).INV.  | EPO; JPO;<br>DERWENT      | OR | ON | 2008/07/14<br>12:28 |
| S14 | 2    | "5505859".pn.<br>"5683584".pn.  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2008/07/14<br>12:31 |
| S15 | 1    | "6497752".pn.   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2008/07/14<br>12:54 |
| S16 | 3    | "5290448".pn.<br>"5505859".pn.<br>"5683584".pn.   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2008/07/14<br>13:13 |
| S17 | 117  | diapes  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2008/07/14<br>13:19 |
| S18 | 0    | "membrana.asnm",  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2008/07/14<br>13:20 |
| S19 | 14   | membrana.asnm.  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2008/07/14<br>13:20 |
| S20 | 0    | membrana.asnm. AND<br>polyelectro   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2008/07/14<br>13:23 |
| S21 | 0    | membrana.asnm. AND<br>polyelectro   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2008/07/14<br>13:23 |
| S22 | 30   | "210"/ AND polyelectro  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2008/07/14<br>13:23 |
| S23 | 5    | "210"/ AND polyelectr   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2008/07/14<br>13:23 |
| S24 | 3023 | "210"/ AND polyelectr<br>\$6  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2008/07/14<br>13:23 |
| S25 | 141  | "210"/ AND polyelectr<br>\$6 AND (semi<br>\$permeable OR<br>semipermeable) NEAR<br>membrane                   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2008/07/14<br>13:24 |
| S26 | 23   | "210"/ AND polyelectr<br>\$6 AND (semi<br>\$permeable OR<br>semipermeable) NEAR<br>membrane AND<br>\$3sulfone | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2008/07/14<br>13:24 |

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| S27 | 56 | "210"/ AND polyelectr<br>\$6 AND (semi<br>\$permeable OR<br>semipermeable) NEAR<br>membrane AND<br>\$4sulfone   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2008/07/14<br>13:24 |
| S28 | 7  | "210"/ AND polyelectr<br>\$6 AND (semi<br>\$permeable OR<br>semipermeable) NEAR<br>membrane AND<br>\$4sulfone AND (hollow<br>\$1fiber OR hollow<br>\$1fibre OR hollowfiber<br>OR hollowfibre) | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2008/07/14<br>13:25 |
| S29 | 1  | "6605218".pn.   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2008/07/14<br>13:35 |
| S30 | 4  | ("4051300"  <br>"4906375"   "5436068"<br>  "5762798").PN.   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2008/07/14<br>13:36 |
| S31 | 52 | ("3615024"  <br>"3691068"   "3763055"<br>  "3948823"  <br>"4051300"   "4100238"<br>  "4286015"  <br>"4351860"   "4432875"<br>  "4545910").PN. OR<br>("4906375").URPN.                         | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2008/07/14<br>13:51 |
| S32 | 13 | ("3615024"  <br>"3691068"   "3763055"<br>  "3948823"  <br>"4051300"   "4100238"<br>  "4286015"  <br>"4351860"   "4432875"<br>  "4545910").PN. OR<br>("4906375").URPN.<br>AND polyelectro\$6   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2008/07/14<br>13:51 |
| S33 | 52 | S31 aND polyelectro\$6  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2008/07/14<br>13:51 |
| S34 | 4  | S31 aND polyelectro\$6  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2008/07/14<br>13:51 |
| S35 | 4  | S31 AND polyelectro\$6  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2008/07/14<br>13:51 |

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| S36 | 50 | (US-20080000828-\$ or<br>US-20070163949-\$ or<br>US-20070163950-\$ or<br>US-20030070545-\$ or<br>US-20050098494-\$ or<br>US-20040237786-\$ or<br>US-20050242021-\$ or<br>US-20070157803-\$ or<br>US-20070157812-\$ or<br>US-20060144782-\$ or<br>US-20010042716-\$ or<br>US-20020038923-\$ or<br>US-20030102309-\$ or<br>US-20030110755-\$ or<br>US-20060171626-\$ or<br>US-20030109807-\$ or<br>US-20040062910-\$ or<br>US-20040009385-\$ or<br>US-20030209002-\$ or<br>US-20040149127-\$ or<br>US-20020031652-\$ or<br>US-20020065356-\$ or<br>US-20030059591-\$ or<br>US-20030160358-\$ or<br>US-20030162647-\$ or<br>US-20040062789-\$).<br>did. or (US-<br>20040157516-\$ or US-<br>20040161996-\$ or US-<br>20060075961-\$ or US-<br>20070060986-\$).did. or<br>(US-4906375-\$ or US-<br>5578204-\$ or US-<br>6521025-\$ or US-<br>6616912-\$ or US-<br>6660062-\$ or US-<br>7166148-\$ or US-<br>4965128-\$ or US-<br>4798847-\$ or US-<br>RE34296-\$ or US-<br>4731074-\$ or US-<br>4820293-\$ or US-<br>4694832-\$ or US-<br>5492838-\$ or US-<br>5549829-\$ or US-<br>5945002-\$ or US-<br>6132613-\$ or US-<br>6309550-\$ or US-<br>6355092-\$ or US-<br>6508056-\$ or US-<br>6592759-\$).did. | US-PGPUB;<br>USPAT | OR | ON | 2008/07/14<br>13:54 |
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| S37 | 50 | (US-20070163949-\$ or US-20070163950-\$ or US-20080000828-\$ or US-20070122904-\$ or US-20040237786-\$ or US-20050098494-\$ or US-20050242021-\$ or US-20060157404-\$ or US-20070157812-\$ or US-20070216057-\$ or US-20080058440-\$ or US-20060144782-\$ or US-20070080108-\$ or US-20070199891-\$ or US-20040182787-\$ or US-20050006302-\$). did. or (US-5403485-\$ or US-5387345-\$ or US-5849189-\$ or US-6013182-\$ or US-5919370-\$ or US-4980069-\$ or US-5549829-\$ or US-6309550-\$ or US-4071590-\$ or US-4464321-\$ or US-4798847-\$ or US-RE34296-\$ or US-5707584-\$ or US-7247238-\$ or US-4906375-\$ or US-5762798-\$ or US-5505890-\$ or US-4935141-\$ or US-4780205-\$ or US-4935140-\$ or US-6319404-\$ or US-7291269-\$ or US-4767539-\$ or US-4861486-\$ or US-4997676-\$ or US-4402701-\$).did. or (US-5454952-\$ or US-4778603-\$ or US-4935143-\$ or US-5230796-\$ or US-5763194-\$ or US-6193883-\$ or US-6261510-\$ or US-6370943-\$).did. | US-PGPUB;<br>USPAT        | OR | ON | 2008/07/14<br>13:54 |
| S38 | 87 | S36 OR S37   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2008/07/14<br>13:54 |

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| S39 | 87   | S38  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2008/07/14<br>13:54 |
| S40 | 3    | S38 AND polyelectro\$6   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2008/07/14<br>13:54 |
| S41 | 8    | "sieving coefficient"<br>SAME cytochrome   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2008/07/14<br>13:56 |
| S42 | 8    | "sieving coefficient"<br>SAME "cytochrome c"   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2008/07/14<br>14:08 |
| S43 | 41   | "4906375"  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2008/07/14<br>14:12 |
| S44 | 2965 | "210"/ AND<br>polyelectrolyte  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2008/07/14<br>14:26 |
| S45 | 118  | "210"/ AND<br>polyelectrolyte AND<br>"hollow fiber"  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2008/07/14<br>14:26 |
| S46 | 30   | "210"/ AND<br>polyelectrolyte AND<br>"hollow fiber" AND<br>albumin                         | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2008/07/14<br>14:26 |
| S47 | 1    | "10588696"   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2008/07/14<br>15:51 |
| S48 | 3    | "interior filler" SAME<br>(polyelectrolyte)  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2008/07/14<br>16:01 |
| S49 | 30   | "210"/ AND<br>polyelectrolyte AND<br>(hollow WITH fiber)<br>AND albumin                    | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2008/07/14<br>16:02 |
| S50 | 136  | "210"/ AND<br>polyelectrolyte AND<br>(hollow WITH fiber)                                   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2008/07/14<br>16:02 |
| S51 | 7    | "210"/ AND<br>polyelectrolyte.clm.<br>AND (hollow WITH<br>fiber).clm.                      | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2008/07/14<br>16:02 |
| S52 | 0    | "210"/ AND<br>polyelectrolyte.clm.<br>AND (hollow WITH<br>fiber).clm. AND<br>negative.clm. | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2008/07/14<br>16:05 |
| S53 | 5    | polyelectrolyte.clm.<br>AND (hollow WITH<br>fiber).clm. AND<br>negative.clm.               | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2008/07/14<br>16:06 |
| S54 | 21   | polyelectrolyte.clm.<br>AND (hollow WITH<br>fiber).clm.                                    | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2008/07/14<br>16:06 |

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| S55 | 3   | polyelectrolyte.dlm.<br>AND (hollow WITH<br>fiber).dlm. AND<br>"polycarboxylic acid"                                       | US-PGPUB;<br>USPAT; USOCR                          | OR | ON | 2008/07/14<br>16:07 |
| S56 | 8   | polyelectrolyte.dlm.<br>AND (hollow WITH<br>fiber).dlm. AND<br>(\$4carboxylic NEAR<br>acid)                                | US-PGPUB;<br>USPAT; USOCR                          | OR | ON | 2008/07/14<br>16:07 |
| S57 | 16  | polyelectrolyte.dlm.<br>AND (hollow WITH<br>fiber).dlm. AND<br>(((\$4carboxylic NEAR<br>acid) OR (acrylic NEAR<br>acid))   | US-PGPUB;<br>USPAT; USOCR                          | OR | ON | 2008/07/14<br>16:10 |
| S58 | 1   | "10588696"   | US-PGPUB;<br>USPAT; USOCR                          | OR | ON | 2008/07/14<br>16:25 |
| S59 | 1   | "5539072".pn.  | US-PGPUB;<br>USPAT; USOCR                          | OR | ON | 2008/07/15<br>07:43 |
| S60 | 9   | "094727"   | US-PGPUB;<br>USPAT; USOCR                          | OR | ON | 2008/07/15<br>10:46 |
| S61 | 35  | "094727"   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2008/07/15<br>10:47 |
| S62 | 8   | "2855233"  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2008/07/15<br>10:47 |
| S63 | 167 | (semi\$permeable NEAR<br>membrane) SAME<br>(polyelectrolyte OR<br>polycarboxylic)  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2008/07/15<br>10:49 |
| S64 | 167 | (semi\$permeable NEAR<br>membrane) SAME<br>(polyelectrolyte OR<br>polycarboxylic)  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2008/07/15<br>14:07 |
| S65 | 167 | ((semi\$permeable<br>NEAR membrane) OR<br>(semipermeable NEAR<br>membrane))SAME<br>(polyelectrolyte OR<br>polycarboxylic)  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2008/07/15<br>14:08 |
| S66 | 167 | ((semi\$permeable<br>NEAR membrane) OR<br>(semipermeable NEAR<br>membrane)) SAME<br>(polyelectrolyte OR<br>polycarboxylic) | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2008/07/15<br>14:08 |

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| S67 | 19  | ((semi\$permeable NEAR membrane) OR (semipermeable NEAR membrane)) SAME (polyelectrolyte OR polycarboxylic).clm.                        | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2008/07/15<br>14:08 |
| S68 | 2   | "4906375".pn.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2008/07/15<br>15:31 |
| S69 | 0   | ((semi\$permeable NEAR membrane) OR (semipermeable NEAR membrane)) SAME (polyelectrolyte OR polycarboxylic).clm.<br>AND fresenius.clm.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2008/07/15<br>15:35 |
| S70 | 0   | ((semi\$permeable NEAR membrane) OR (semipermeable NEAR membrane)) SAME (polyelectrolyte OR polycarboxylic).clm.<br>AND fresenius.asnm. | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2008/07/15<br>15:35 |
| S71 | 0   | ((semi\$permeable NEAR membrane) OR (semipermeable NEAR membrane)) SAME (polyelectrolyte OR polycarboxylic) AND fresenius.asnm.         | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2008/07/15<br>15:36 |
| S72 | 366 | fresenius.asnm.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2008/07/15<br>15:36 |
| S73 | 1   | fresenius.asnm. AND (hollow NEAR fiber) AND (polyelectrolyte OR polycarboxylic OR "acrylic acid")                                       | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2008/07/15<br>15:37 |
| S74 | 7   | fresenius.asnm. AND (polyelectrolyte OR polycarboxylic OR "acrylic acid")   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2008/07/15<br>15:38 |
| S75 | 17  | ("5476715").URPN.   | USPAT  | OR | ON | 2008/07/15<br>15:51 |
| S76 | 15  | ("5476715").URPN.<br>AND (polyelectrolyte OR polycarboxylic OR acrylic)   | USPAT  | OR | ON | 2008/07/15<br>15:52 |



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| S77 | 2 | "4906375".pn. | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2008/07/15<br>16:17 |
| S78 | 1 | "10588696"    | US-PGPUB;<br>USPAT; USOCR                          | OR | ON | 2008/07/16<br>16:58 |

7/17/2008 9:09:35 AM

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